

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P252298

Luminaire Tested: **LE_6B50D010R EC6B30508030 6LBSW1H**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252298
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-7)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LE_6B50D010R EC6B30508030 6LBSW1H
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH HAZE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6175.0 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Spacing Criteria (0/90/45): 1.17 / 1.18 / 1.16
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

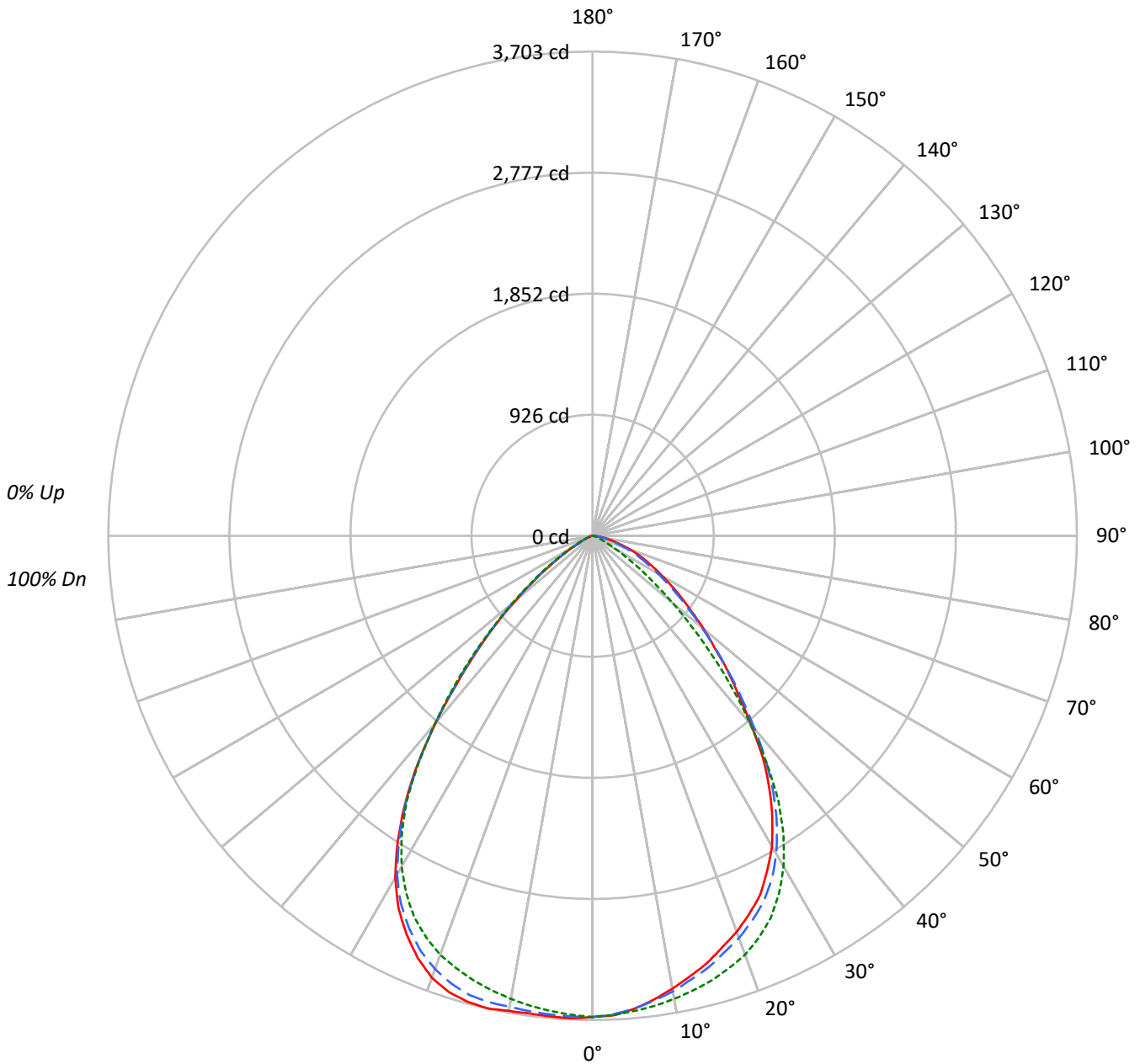
Input Watts (W): 58.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252298

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Luminous Intensity Polar Plot





TEST NUMBER: P252298

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|---|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | |
| RC | 80 | | | | | | | | | 50 | | | | | | | | | 30 | | | | | | | | | 10 | | | | | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | | | | | | | | | | | | | | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | | | | | | | | | | | | | | | | |
| 1 | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 102 | 100 | 98 | 98 | 96 | 95 | 95 | 93 | 92 | 90 | | | | | | | | | | | | | | | | | | | |
| 2 | 104 | 98 | 93 | 89 | 102 | 96 | 92 | 88 | 93 | 89 | 86 | 90 | 87 | 84 | 87 | 85 | 82 | 80 | | | | | | | | | | | | | | | | | | | |
| 3 | 97 | 89 | 83 | 78 | 95 | 88 | 82 | 77 | 85 | 80 | 76 | 82 | 78 | 75 | 80 | 77 | 74 | 72 | | | | | | | | | | | | | | | | | | | |
| 4 | 91 | 81 | 74 | 69 | 89 | 80 | 74 | 69 | 78 | 72 | 68 | 76 | 71 | 67 | 74 | 69 | 66 | 64 | | | | | | | | | | | | | | | | | | | |
| 5 | 85 | 74 | 67 | 62 | 83 | 73 | 66 | 61 | 71 | 65 | 61 | 70 | 64 | 60 | 68 | 63 | 60 | 58 | | | | | | | | | | | | | | | | | | | |
| 6 | 79 | 68 | 61 | 55 | 78 | 67 | 60 | 55 | 66 | 59 | 55 | 64 | 59 | 54 | 63 | 58 | 54 | 52 | | | | | | | | | | | | | | | | | | | |
| 7 | 74 | 63 | 55 | 50 | 73 | 62 | 55 | 50 | 61 | 54 | 50 | 59 | 54 | 49 | 58 | 53 | 49 | 47 | | | | | | | | | | | | | | | | | | | |
| 8 | 70 | 58 | 51 | 46 | 68 | 57 | 50 | 46 | 56 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 43 | | | | | | | | | | | | | | | | | | | |
| 9 | 65 | 54 | 47 | 42 | 64 | 53 | 46 | 42 | 52 | 46 | 42 | 51 | 46 | 41 | 50 | 45 | 41 | 40 | | | | | | | | | | | | | | | | | | | |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 38 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 37 | | | | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|--------|--------|--------|
| 0° | 240125 | 240125 | 240125 |
| 5° | 237846 | 239012 | 241631 |
| 10° | 232938 | 238238 | 244425 |
| 15° | 228488 | 237789 | 249203 |
| 20° | 223758 | 236713 | 249676 |
| 25° | 218230 | 232001 | 242237 |
| 30° | 206624 | 220011 | 227386 |
| 35° | 187641 | 197199 | 198967 |
| 40° | 160145 | 159387 | 158629 |
| 45° | 134521 | 119353 | 115662 |
| 50° | 112346 | 80771 | 76711 |
| 55° | 94544 | 49547 | 44997 |
| 60° | 80050 | 26096 | 22625 |
| 65° | 69313 | 13724 | 10976 |
| 70° | 57645 | 8488 | 5932 |
| 75° | 42575 | 5596 | 3378 |
| 80° | 33400 | 3344 | 1691 |
| 85° | 26574 | 3368 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 346.9 | 5.6 |
| 10°-20° | 993.2 | 16.1 |
| 20°-30° | 1466.7 | 23.8 |
| 30°-40° | 1511.5 | 24.5 |
| 40°-50° | 1044.0 | 16.9 |
| 50°-60° | 514.6 | 8.3 |
| 60°-70° | 208.5 | 3.4 |
| 70°-80° | 74.3 | 1.2 |
| 80°-90° | 15.4 | 0.2 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 2806.8 | 45.5 |
| 0°-40° | 4318.3 | 69.9 |
| 0°-60° | 5876.8 | 95.2 |
| 0°-90° | 6175.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 6175.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3681 | 3681 | 3681 | 3681 | 3681 | |
| 5° | 3632 | 3632 | 3650 | 3676 | 3690 | 343 |
| 15° | 3383 | 3418 | 3521 | 3636 | 3690 | 952 |
| 25° | 3032 | 3090 | 3223 | 3316 | 3365 | 1386 |
| 35° | 2356 | 2414 | 2476 | 2489 | 2498 | 1460 |
| 45° | 1458 | 1467 | 1294 | 1276 | 1254 | 1127 |
| 55° | 831 | 800 | 436 | 409 | 396 | 751 |
| 65° | 449 | 404 | 89 | 71 | 71 | 446 |
| 75° | 169 | 142 | 22 | 13 | 13 | 190 |
| 85° | 36 | 27 | 4 | 0 | 0 | 44 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 22.5° | 25° | 30° | 35° | 40° | 45° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 |
| 2.5° | 3671.8 | 3658.5 | 3667.4 | 3649.6 | 3671.8 | 3649.6 | 3654.0 | 3658.5 | 3654.0 | 3658.5 | 3662.9 |
| 5° | 3631.8 | 3618.5 | 3631.8 | 3609.5 | 3631.8 | 3618.5 | 3618.5 | 3622.9 | 3622.9 | 3627.4 | 3631.8 |
| 7.5° | 3578.5 | 3565.1 | 3578.5 | 3556.2 | 3582.9 | 3569.5 | 3569.5 | 3578.5 | 3574.0 | 3578.5 | 3587.4 |
| 10° | 3516.2 | 3498.4 | 3511.8 | 3498.4 | 3525.1 | 3507.4 | 3516.2 | 3516.2 | 3516.2 | 3529.5 | 3538.4 |
| 12.5° | 3449.5 | 3431.8 | 3449.5 | 3427.2 | 3454.0 | 3440.6 | 3445.1 | 3458.4 | 3462.9 | 3471.8 | 3476.2 |
| 15° | 3382.9 | 3360.6 | 3369.5 | 3356.1 | 3382.9 | 3369.5 | 3374.0 | 3391.8 | 3391.8 | 3405.1 | 3418.4 |
| 17.5° | 3298.4 | 3280.6 | 3298.4 | 3280.6 | 3302.9 | 3294.0 | 3302.9 | 3316.1 | 3316.1 | 3329.5 | 3342.9 |
| 20° | 3222.9 | 3205.0 | 3218.4 | 3205.0 | 3231.8 | 3218.4 | 3222.9 | 3240.6 | 3245.0 | 3258.4 | 3271.8 |
| 22.5° | 3129.5 | 3116.1 | 3125.0 | 3111.6 | 3138.4 | 3129.5 | 3133.9 | 3151.8 | 3156.1 | 3165.0 | 3187.2 |
| 25° | 3031.6 | 3005.0 | 3018.4 | 3009.5 | 3036.1 | 3022.8 | 3031.6 | 3049.5 | 3058.4 | 3071.6 | 3089.5 |
| 27.5° | 2889.4 | 2876.1 | 2885.0 | 2885.0 | 2907.2 | 2893.9 | 2898.4 | 2916.1 | 2929.4 | 2942.8 | 2965.0 |
| 30° | 2742.8 | 2720.5 | 2729.4 | 2733.9 | 2751.6 | 2742.8 | 2751.6 | 2769.4 | 2773.9 | 2791.6 | 2809.4 |
| 32.5° | 2556.0 | 2547.1 | 2564.9 | 2556.0 | 2564.9 | 2564.9 | 2569.4 | 2582.8 | 2591.6 | 2600.5 | 2622.8 |
| 35° | 2356.0 | 2338.2 | 2356.0 | 2347.1 | 2369.4 | 2356.0 | 2369.4 | 2382.6 | 2382.6 | 2400.5 | 2413.8 |
| 37.5° | 2138.1 | 2116.0 | 2124.9 | 2124.9 | 2133.8 | 2129.2 | 2129.2 | 2151.5 | 2156.0 | 2169.2 | 2182.6 |
| 40° | 1880.4 | 1871.5 | 1889.2 | 1884.8 | 1889.2 | 1889.2 | 1893.6 | 1907.0 | 1915.9 | 1920.4 | 1924.8 |
| 42.5° | 1649.2 | 1653.6 | 1658.1 | 1658.1 | 1658.1 | 1658.1 | 1658.1 | 1675.9 | 1671.4 | 1684.8 | 1689.2 |
| 45° | 1458.0 | 1440.2 | 1449.1 | 1444.8 | 1458.0 | 1444.8 | 1458.0 | 1471.4 | 1462.5 | 1475.9 | 1467.0 |
| 47.5° | 1262.5 | 1262.5 | 1262.5 | 1258.0 | 1266.9 | 1262.5 | 1271.4 | 1275.8 | 1275.8 | 1275.8 | 1271.4 |
| 50° | 1106.9 | 1093.5 | 1098.0 | 1098.0 | 1102.4 | 1098.0 | 1106.9 | 1111.4 | 1111.4 | 1102.4 | 1084.6 |
| 52.5° | 955.8 | 951.2 | 951.2 | 960.1 | 960.1 | 955.8 | 955.8 | 955.8 | 955.8 | 942.4 | 933.5 |
| 55° | 831.2 | 822.4 | 826.9 | 826.9 | 826.9 | 826.9 | 831.2 | 826.9 | 826.9 | 813.5 | 800.1 |
| 57.5° | 720.1 | 711.2 | 711.2 | 711.2 | 715.8 | 711.2 | 711.2 | 711.2 | 706.8 | 693.5 | 675.6 |
| 60° | 613.5 | 609.0 | 613.5 | 613.5 | 617.9 | 613.5 | 613.5 | 613.5 | 604.5 | 591.2 | 573.5 |
| 62.5° | 524.5 | 524.5 | 524.5 | 529.0 | 529.0 | 524.5 | 524.5 | 520.1 | 515.6 | 497.9 | 480.1 |
| 65° | 449.0 | 444.5 | 449.0 | 449.0 | 453.4 | 453.4 | 449.0 | 444.5 | 440.1 | 422.2 | 404.5 |
| 67.5° | 373.4 | 369.0 | 373.4 | 373.4 | 377.9 | 373.4 | 373.4 | 373.4 | 360.1 | 351.1 | 333.4 |
| 70° | 302.2 | 297.9 | 297.9 | 297.9 | 302.2 | 293.4 | 297.9 | 297.9 | 289.0 | 275.6 | 257.9 |
| 72.5° | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 231.1 | 226.8 | 226.8 | 217.9 | 204.5 | 195.6 |
| 75° | 168.9 | 168.9 | 173.4 | 173.4 | 168.9 | 168.9 | 168.9 | 164.5 | 160.0 | 151.1 | 142.2 |
| 77.5° | 124.5 | 124.5 | 124.5 | 124.5 | 120.0 | 120.0 | 120.0 | 115.6 | 111.1 | 106.6 | 97.8 |
| 80° | 88.9 | 88.9 | 88.9 | 84.5 | 88.9 | 84.5 | 84.5 | 84.5 | 75.6 | 71.1 | 66.6 |
| 82.5° | 62.2 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 53.4 | 53.4 | 48.9 | 44.5 |
| 85° | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 31.1 | 26.6 | 26.6 |
| 87.5° | 17.8 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 17.8 | 17.8 | 17.8 | 13.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 50° | 55° | 60° | 65° | 67.5° | 70° | 75° | 80° | 85° | 90° | 95° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 |
| 2.5° | 3662.9 | 3662.9 | 3671.8 | 3658.5 | 3680.6 | 3667.4 | 3662.9 | 3685.1 | 3671.8 | 3667.4 | 3676.2 |
| 5° | 3631.8 | 3636.2 | 3640.6 | 3631.8 | 3654.0 | 3640.6 | 3640.6 | 3662.9 | 3654.0 | 3649.6 | 3662.9 |
| 7.5° | 3591.8 | 3596.2 | 3605.1 | 3600.6 | 3618.5 | 3609.5 | 3614.0 | 3636.2 | 3627.4 | 3627.4 | 3640.6 |
| 10° | 3542.9 | 3551.8 | 3560.6 | 3560.6 | 3582.9 | 3574.0 | 3574.0 | 3600.6 | 3591.8 | 3596.2 | 3614.0 |
| 12.5° | 3485.1 | 3498.4 | 3511.8 | 3516.2 | 3538.4 | 3525.1 | 3529.5 | 3560.6 | 3556.2 | 3560.6 | 3578.5 |
| 15° | 3422.9 | 3440.6 | 3454.0 | 3454.0 | 3480.6 | 3467.2 | 3480.6 | 3511.8 | 3502.9 | 3520.6 | 3542.9 |
| 17.5° | 3351.8 | 3369.5 | 3387.2 | 3391.8 | 3418.4 | 3409.5 | 3427.2 | 3458.4 | 3458.4 | 3467.2 | 3494.0 |
| 20° | 3285.0 | 3307.2 | 3316.1 | 3329.5 | 3356.1 | 3351.8 | 3360.6 | 3396.1 | 3396.1 | 3409.5 | 3436.2 |
| 22.5° | 3196.1 | 3218.4 | 3236.1 | 3249.5 | 3271.8 | 3271.8 | 3285.0 | 3316.1 | 3316.1 | 3325.0 | 3351.8 |
| 25° | 3098.4 | 3125.0 | 3138.4 | 3151.8 | 3173.9 | 3169.5 | 3182.8 | 3209.5 | 3213.9 | 3222.9 | 3249.5 |
| 27.5° | 2973.9 | 2996.1 | 3013.9 | 3022.8 | 3053.9 | 3036.1 | 3049.5 | 3080.6 | 3076.1 | 3085.0 | 3107.2 |
| 30° | 2818.2 | 2840.5 | 2858.2 | 2858.2 | 2885.0 | 2885.0 | 2898.4 | 2911.6 | 2911.6 | 2920.5 | 2938.4 |
| 32.5° | 2636.0 | 2662.8 | 2662.8 | 2676.0 | 2693.9 | 2676.0 | 2693.9 | 2711.6 | 2702.8 | 2716.0 | 2729.4 |
| 35° | 2427.1 | 2440.5 | 2444.9 | 2444.9 | 2458.2 | 2453.8 | 2449.4 | 2462.6 | 2453.8 | 2476.0 | 2489.4 |
| 37.5° | 2173.8 | 2191.5 | 2182.6 | 2191.5 | 2187.1 | 2173.8 | 2173.8 | 2196.0 | 2178.1 | 2182.6 | 2196.0 |
| 40° | 1929.2 | 1929.2 | 1924.8 | 1902.6 | 1907.0 | 1893.6 | 1889.2 | 1893.6 | 1875.9 | 1871.5 | 1889.2 |
| 42.5° | 1675.9 | 1671.4 | 1658.1 | 1627.0 | 1631.4 | 1609.1 | 1591.4 | 1591.4 | 1582.5 | 1578.1 | 1582.5 |
| 45° | 1449.1 | 1435.9 | 1413.6 | 1378.0 | 1369.1 | 1351.4 | 1315.8 | 1306.9 | 1293.6 | 1293.6 | 1298.0 |
| 47.5° | 1240.2 | 1222.5 | 1186.9 | 1146.9 | 1124.6 | 1102.4 | 1066.9 | 1053.5 | 1031.2 | 1022.4 | 1031.2 |
| 50° | 1066.9 | 1035.8 | 991.2 | 933.5 | 911.2 | 884.6 | 849.0 | 826.9 | 804.6 | 795.8 | 791.2 |
| 52.5° | 906.9 | 862.4 | 817.9 | 746.8 | 729.0 | 702.4 | 653.5 | 631.2 | 609.0 | 591.2 | 591.2 |
| 55° | 769.0 | 729.0 | 666.8 | 600.1 | 573.5 | 546.8 | 497.9 | 466.8 | 444.5 | 435.6 | 426.8 |
| 57.5° | 644.6 | 600.1 | 542.4 | 471.2 | 444.5 | 417.9 | 369.0 | 337.9 | 315.6 | 302.2 | 293.4 |
| 60° | 542.4 | 493.4 | 435.6 | 373.4 | 342.2 | 315.6 | 266.8 | 235.6 | 213.4 | 200.0 | 191.1 |
| 62.5° | 444.5 | 404.5 | 346.8 | 289.0 | 262.2 | 235.6 | 195.6 | 164.5 | 142.2 | 133.4 | 120.0 |
| 65° | 373.4 | 333.4 | 280.0 | 231.1 | 208.9 | 182.2 | 146.8 | 120.0 | 102.2 | 88.9 | 80.0 |
| 67.5° | 302.2 | 271.1 | 226.8 | 182.2 | 160.0 | 142.2 | 111.1 | 88.9 | 71.1 | 62.2 | 57.8 |
| 70° | 240.0 | 208.9 | 173.4 | 137.8 | 124.5 | 106.6 | 84.5 | 62.2 | 53.4 | 44.5 | 40.0 |
| 72.5° | 177.8 | 155.6 | 128.9 | 102.2 | 88.9 | 80.0 | 57.8 | 48.9 | 35.5 | 31.1 | 26.6 |
| 75° | 128.9 | 111.1 | 93.4 | 71.1 | 62.2 | 57.8 | 44.5 | 31.1 | 26.6 | 22.2 | 17.8 |
| 77.5° | 88.9 | 80.0 | 62.2 | 48.9 | 44.5 | 40.0 | 31.1 | 22.2 | 17.8 | 13.4 | 13.4 |
| 80° | 57.8 | 48.9 | 40.0 | 31.1 | 31.1 | 26.6 | 17.8 | 13.4 | 13.4 | 8.9 | 8.9 |
| 82.5° | 35.5 | 31.1 | 26.6 | 22.2 | 17.8 | 17.8 | 13.4 | 8.9 | 8.9 | 4.5 | 4.5 |
| 85° | 22.2 | 17.8 | 13.4 | 13.4 | 8.9 | 8.9 | 8.9 | 4.5 | 4.5 | 4.5 | 4.5 |
| 87.5° | 8.9 | 8.9 | 8.9 | 4.5 | 4.5 | 4.5 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P252298

CATALOG NUMBER: LE_6B50D010R EC6B30508030 6LBSW1H

CANDELA DISTRIBUTION (continued):

| | 100° | 105° | 110° | 112.5° | 115° | 120° | 125° | 130° | 135° | 140° | 145° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 |
| 2.5° | 3676.2 | 3676.2 | 3685.1 | 3671.8 | 3680.6 | 3680.6 | 3689.6 | 3671.8 | 3680.6 | 3685.1 | 3694.0 |
| 5° | 3658.5 | 3662.9 | 3671.8 | 3667.4 | 3671.8 | 3671.8 | 3680.6 | 3658.5 | 3676.2 | 3676.2 | 3689.6 |
| 7.5° | 3640.6 | 3640.6 | 3649.6 | 3645.1 | 3654.0 | 3658.5 | 3667.4 | 3649.6 | 3667.4 | 3667.4 | 3680.6 |
| 10° | 3618.5 | 3618.5 | 3631.8 | 3627.4 | 3640.6 | 3645.1 | 3658.5 | 3640.6 | 3658.5 | 3662.9 | 3676.2 |
| 12.5° | 3587.4 | 3591.8 | 3605.1 | 3605.1 | 3618.5 | 3627.4 | 3640.6 | 3631.8 | 3654.0 | 3658.5 | 3676.2 |
| 15° | 3551.8 | 3560.6 | 3578.5 | 3574.0 | 3587.4 | 3600.6 | 3618.5 | 3605.1 | 3636.2 | 3645.1 | 3662.9 |
| 17.5° | 3507.4 | 3516.2 | 3529.5 | 3529.5 | 3542.9 | 3551.8 | 3574.0 | 3565.1 | 3591.8 | 3596.2 | 3618.5 |
| 20° | 3440.6 | 3454.0 | 3471.8 | 3467.2 | 3480.6 | 3489.5 | 3507.4 | 3498.4 | 3525.1 | 3534.0 | 3556.2 |
| 22.5° | 3360.6 | 3369.5 | 3382.9 | 3382.9 | 3396.1 | 3405.1 | 3422.9 | 3409.5 | 3436.2 | 3440.6 | 3458.4 |
| 25° | 3253.9 | 3262.9 | 3271.8 | 3276.1 | 3289.5 | 3294.0 | 3302.9 | 3294.0 | 3316.1 | 3320.6 | 3342.9 |
| 27.5° | 3116.1 | 3120.6 | 3133.9 | 3133.9 | 3142.8 | 3147.2 | 3160.6 | 3142.8 | 3173.9 | 3173.9 | 3187.2 |
| 30° | 2951.6 | 2947.2 | 2965.0 | 2956.1 | 2965.0 | 2965.0 | 2978.4 | 2969.4 | 2991.6 | 2982.8 | 2996.1 |
| 32.5° | 2733.9 | 2742.8 | 2742.8 | 2733.9 | 2751.6 | 2747.1 | 2747.1 | 2738.2 | 2751.6 | 2756.1 | 2765.0 |
| 35° | 2480.5 | 2493.8 | 2493.8 | 2498.2 | 2502.6 | 2489.4 | 2493.8 | 2467.1 | 2489.4 | 2493.8 | 2498.2 |
| 37.5° | 2204.9 | 2191.5 | 2200.4 | 2187.1 | 2209.2 | 2182.6 | 2182.6 | 2164.9 | 2182.6 | 2182.6 | 2187.1 |
| 40° | 1889.2 | 1884.8 | 1893.6 | 1884.8 | 1880.4 | 1875.9 | 1867.0 | 1853.6 | 1871.5 | 1862.6 | 1875.9 |
| 42.5° | 1591.4 | 1587.0 | 1587.0 | 1578.1 | 1573.6 | 1573.6 | 1564.8 | 1555.9 | 1551.4 | 1551.4 | 1573.6 |
| 45° | 1284.6 | 1293.6 | 1284.6 | 1280.2 | 1289.1 | 1280.2 | 1284.6 | 1266.9 | 1275.8 | 1266.9 | 1275.8 |
| 47.5° | 1026.9 | 1031.2 | 1022.4 | 1013.5 | 1026.9 | 1013.5 | 1013.5 | 1000.1 | 1018.0 | 1018.0 | 1009.1 |
| 50° | 795.8 | 791.2 | 782.4 | 791.2 | 786.8 | 786.8 | 786.8 | 773.5 | 782.4 | 769.0 | 777.9 |
| 52.5° | 586.8 | 582.4 | 582.4 | 577.9 | 582.4 | 577.9 | 577.9 | 573.5 | 573.5 | 569.0 | 573.5 |
| 55° | 426.8 | 422.2 | 413.4 | 413.4 | 413.4 | 417.9 | 413.4 | 409.0 | 409.0 | 404.5 | 409.0 |
| 57.5° | 289.0 | 280.0 | 280.0 | 280.0 | 280.0 | 275.6 | 275.6 | 271.1 | 275.6 | 271.1 | 275.6 |
| 60° | 186.8 | 186.8 | 177.8 | 177.8 | 177.8 | 177.8 | 177.8 | 173.4 | 177.8 | 177.8 | 177.8 |
| 62.5° | 115.6 | 115.6 | 111.1 | 106.6 | 111.1 | 106.6 | 106.6 | 106.6 | 111.1 | 106.6 | 111.1 |
| 65° | 75.6 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| 67.5° | 53.4 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 44.5 | 48.9 | 48.9 | 48.9 |
| 70° | 35.5 | 35.5 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 |
| 72.5° | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| 75° | 17.8 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 |
| 77.5° | 13.4 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 |
| 80° | 8.9 | 8.9 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 82.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 85° | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P252298

CATALOG NUMBER: LE_6B50D010R EC6B30508030 6LBSW1H

CANDELA DISTRIBUTION (continued):

| | 150° | 155° | 157.5° | 160° | 165° | 170° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 | 3680.6 |
| 2.5° | 3680.6 | 3685.1 | 3676.2 | 3680.6 | 3671.8 | 3680.6 | 3685.1 | 3694.0 |
| 5° | 3671.8 | 3676.2 | 3667.4 | 3676.2 | 3667.4 | 3676.2 | 3680.6 | 3689.6 |
| 7.5° | 3662.9 | 3671.8 | 3662.9 | 3671.8 | 3662.9 | 3671.8 | 3676.2 | 3685.1 |
| 10° | 3662.9 | 3676.2 | 3667.4 | 3680.6 | 3667.4 | 3676.2 | 3685.1 | 3689.6 |
| 12.5° | 3662.9 | 3676.2 | 3671.8 | 3680.6 | 3676.2 | 3685.1 | 3694.0 | 3702.9 |
| 15° | 3654.0 | 3667.4 | 3658.5 | 3671.8 | 3667.4 | 3671.8 | 3689.6 | 3689.6 |
| 17.5° | 3605.1 | 3618.5 | 3618.5 | 3627.4 | 3627.4 | 3640.6 | 3649.6 | 3658.5 |
| 20° | 3542.9 | 3556.2 | 3551.8 | 3565.1 | 3565.1 | 3578.5 | 3587.4 | 3596.2 |
| 22.5° | 3449.5 | 3467.2 | 3462.9 | 3476.2 | 3471.8 | 3480.6 | 3498.4 | 3494.0 |
| 25° | 3329.5 | 3351.8 | 3347.2 | 3356.1 | 3351.8 | 3351.8 | 3360.6 | 3365.1 |
| 27.5° | 3182.8 | 3196.1 | 3191.8 | 3200.6 | 3191.8 | 3200.6 | 3209.5 | 3213.9 |
| 30° | 2991.6 | 3000.5 | 2996.1 | 3000.5 | 2996.1 | 3005.0 | 3009.5 | 3018.4 |
| 32.5° | 2760.5 | 2773.9 | 2760.5 | 2769.4 | 2765.0 | 2765.0 | 2782.8 | 2773.9 |
| 35° | 2484.9 | 2489.4 | 2493.8 | 2493.8 | 2484.9 | 2489.4 | 2498.2 | 2498.2 |
| 37.5° | 2178.1 | 2200.4 | 2173.8 | 2187.1 | 2182.6 | 2182.6 | 2182.6 | 2196.0 |
| 40° | 1858.1 | 1862.6 | 1853.6 | 1853.6 | 1853.6 | 1849.2 | 1867.0 | 1862.6 |
| 42.5° | 1555.9 | 1560.2 | 1555.9 | 1542.5 | 1547.0 | 1547.0 | 1560.2 | 1542.5 |
| 45° | 1262.5 | 1271.4 | 1266.9 | 1266.9 | 1258.0 | 1258.0 | 1262.5 | 1253.6 |
| 47.5° | 1000.1 | 1009.1 | 995.8 | 1000.1 | 991.2 | 1000.1 | 995.8 | 1004.6 |
| 50° | 760.1 | 769.0 | 764.6 | 769.0 | 769.0 | 760.1 | 773.5 | 755.8 |
| 52.5° | 569.0 | 573.5 | 569.0 | 564.5 | 560.1 | 560.1 | 569.0 | 564.5 |
| 55° | 404.5 | 400.1 | 400.1 | 400.1 | 404.5 | 404.5 | 400.1 | 395.6 |
| 57.5° | 271.1 | 271.1 | 266.8 | 266.8 | 271.1 | 262.2 | 266.8 | 262.2 |
| 60° | 173.4 | 173.4 | 173.4 | 173.4 | 168.9 | 173.4 | 173.4 | 173.4 |
| 62.5° | 106.6 | 106.6 | 106.6 | 106.6 | 106.6 | 106.6 | 106.6 | 106.6 |
| 65° | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| 67.5° | 44.5 | 48.9 | 48.9 | 48.9 | 44.5 | 44.5 | 44.5 | 44.5 |
| 70° | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 | 31.1 |
| 72.5° | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 |
| 75° | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 | 13.4 |
| 77.5° | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 |
| 80° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 82.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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— 0°-180° - - 45°-225° - - - - 90°-270°













(END OF REPORT)